

originator

1/8

recipient

mobile  
device

102

SMS  
server

104

mobile  
device

106

FIG 1A (prior art)

An SMS message originator specifies the telephone number to which the SMS message is addressed

110

The originating mobile phone sends the SMS message to a SMS server.

114

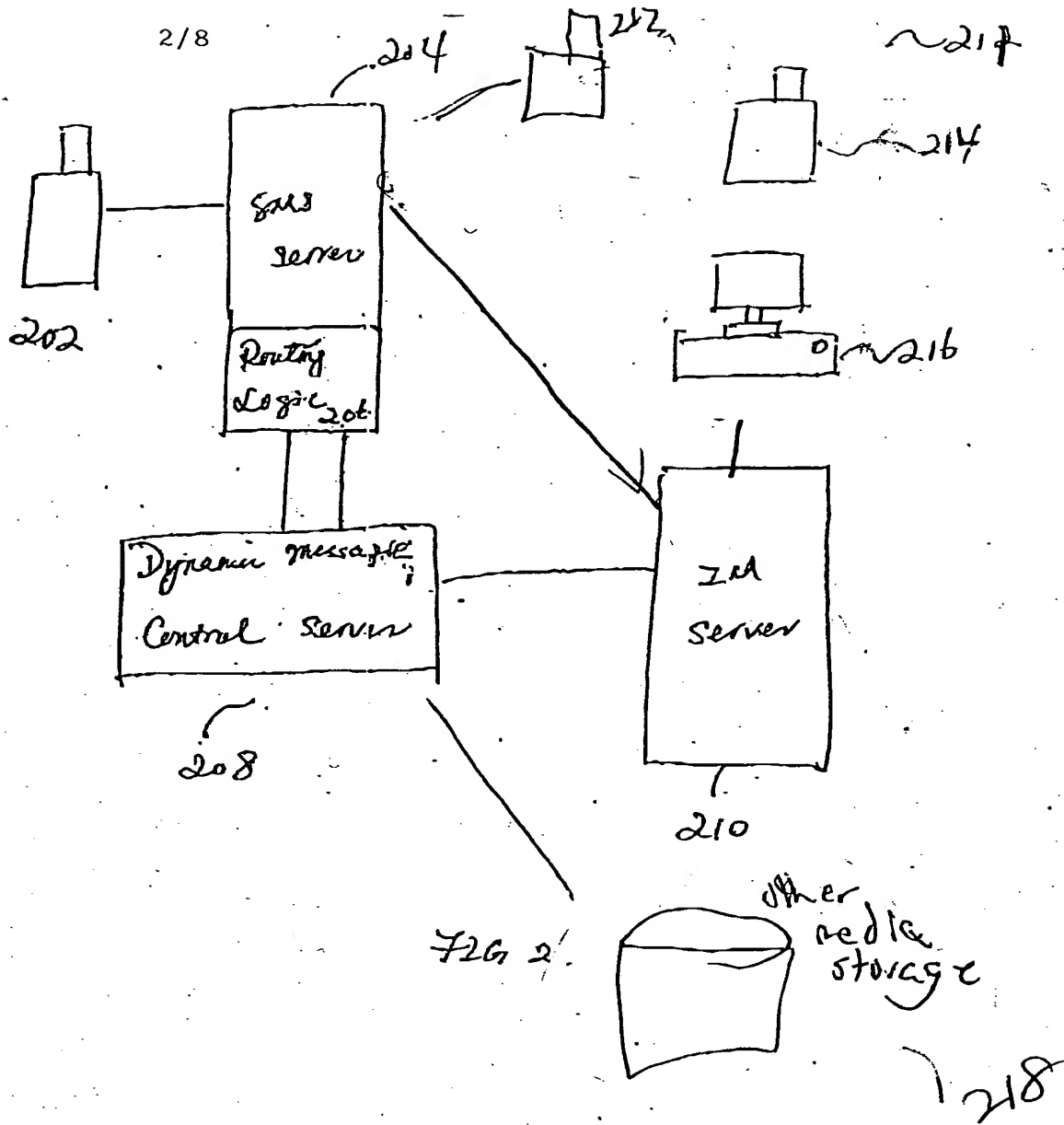
The SMS server receives the SMS message.

116

The SMS server transmits the SMS message according to the destination telephone number

118

Fig 1B (prior art)



An SMS message originator sends an SMS message to a mobile device number

~302



The SMS server receives the SMS text message and forwards it to the dynamic message control server

~304



Determine whether the recipient mobile device number enables SMS forwarding feature?

No

forward as an SMS text message to the mobile number

~306

yes

Determine whether the recipient telephone number desires to forward SMS text message as an instant message?

No

~310

yes

Determine whether an IM receiver is available to receive IM messages.

No

~312

yes

forward the SMS text message as an instant message

~314

~308

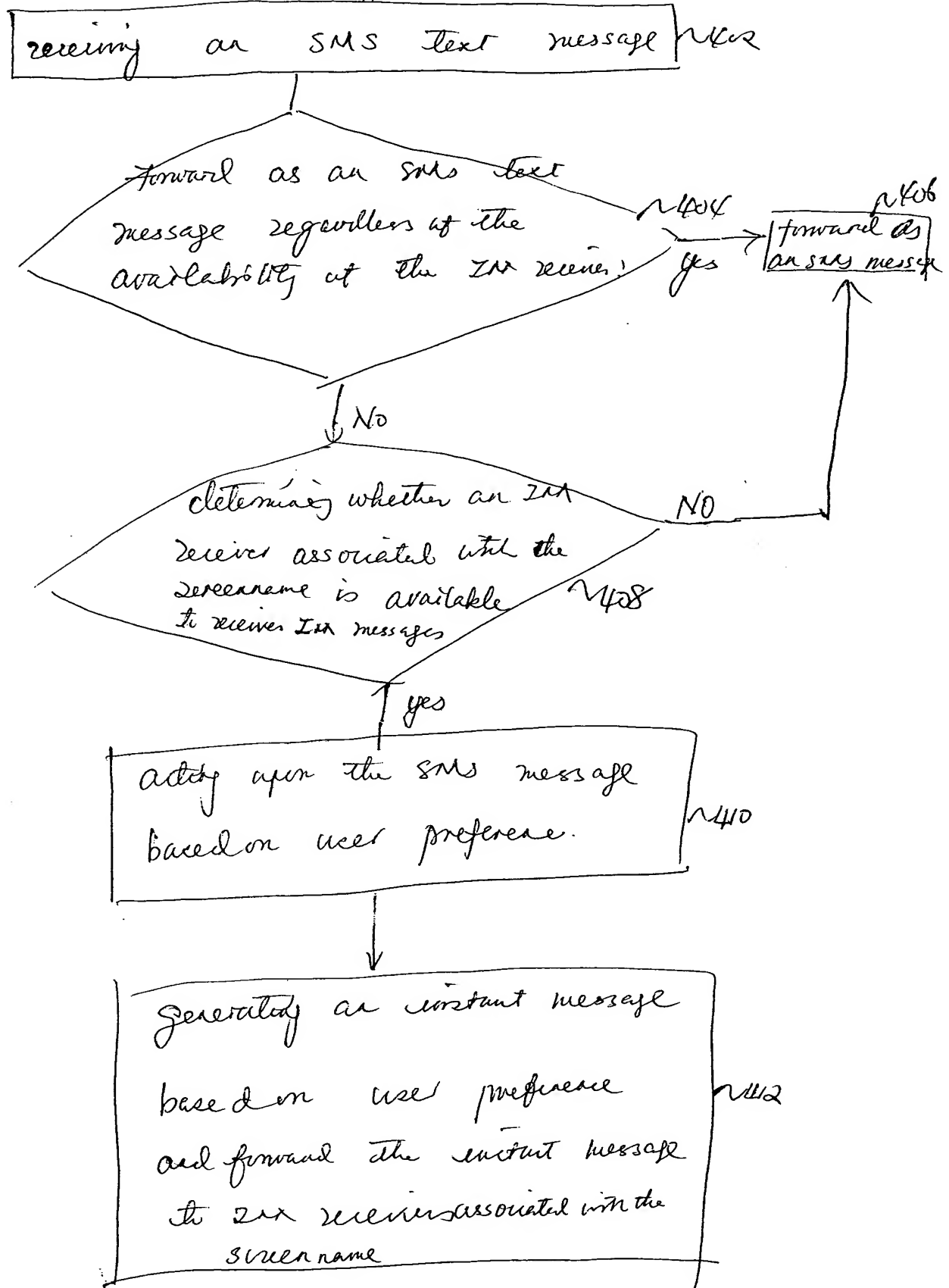


Fig 4

an SMS server receives an SMS text message from User A addressed to a pre-determined telephone number.

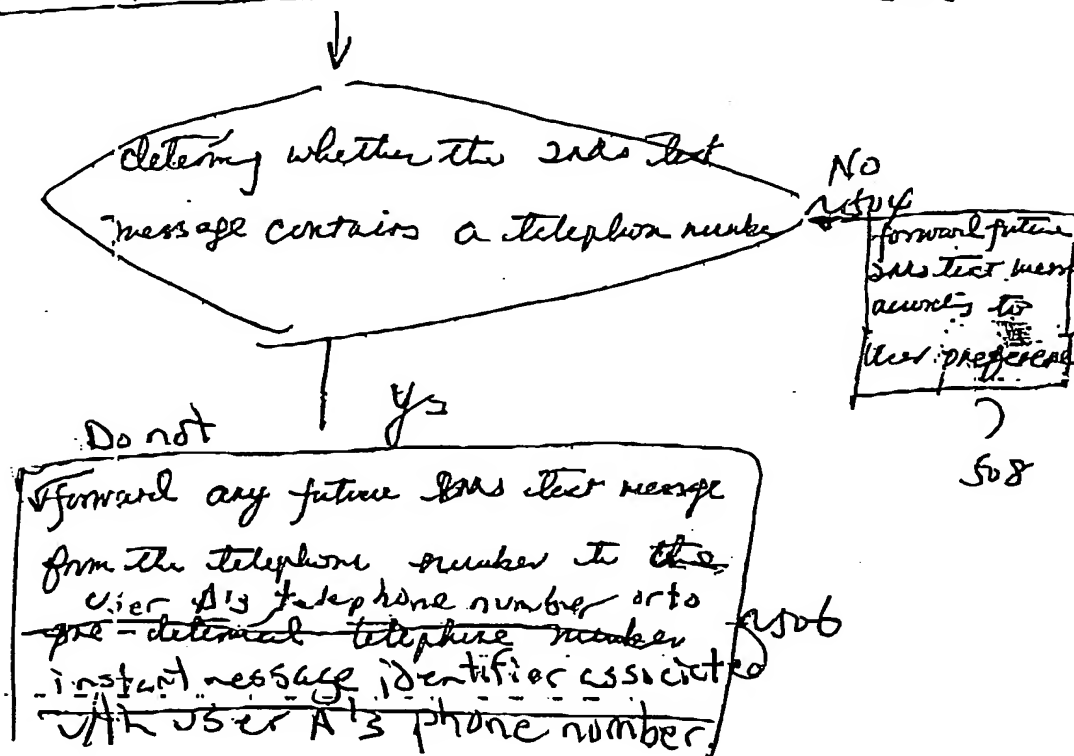


Fig 5

618

an SMS server receives an SMS text message

602

package the source information regarding the  
SMS text message

604

sending the packet containing the source  
information at the SMS text message to  
the dynamic message control server

606

checking the source information against  
user preference set by the destination  
telephone number user

608

determining whether  
the SMS text message should  
be forwarded to the destination  
telephone number

610

NO

no attempts  
at delivery  
is made

614

forward the SMS text  
message

612

7/8

making rules at selection of sms text message  
or applying different filters

702



receiving an sms text message

704

determining certain  
selection rules are applicable  
to the incoming sms  
text message

706

No

forward the sms  
text message according  
to user preference

710

yes

generating an instant message  
according to the predetermined rules.

708

287

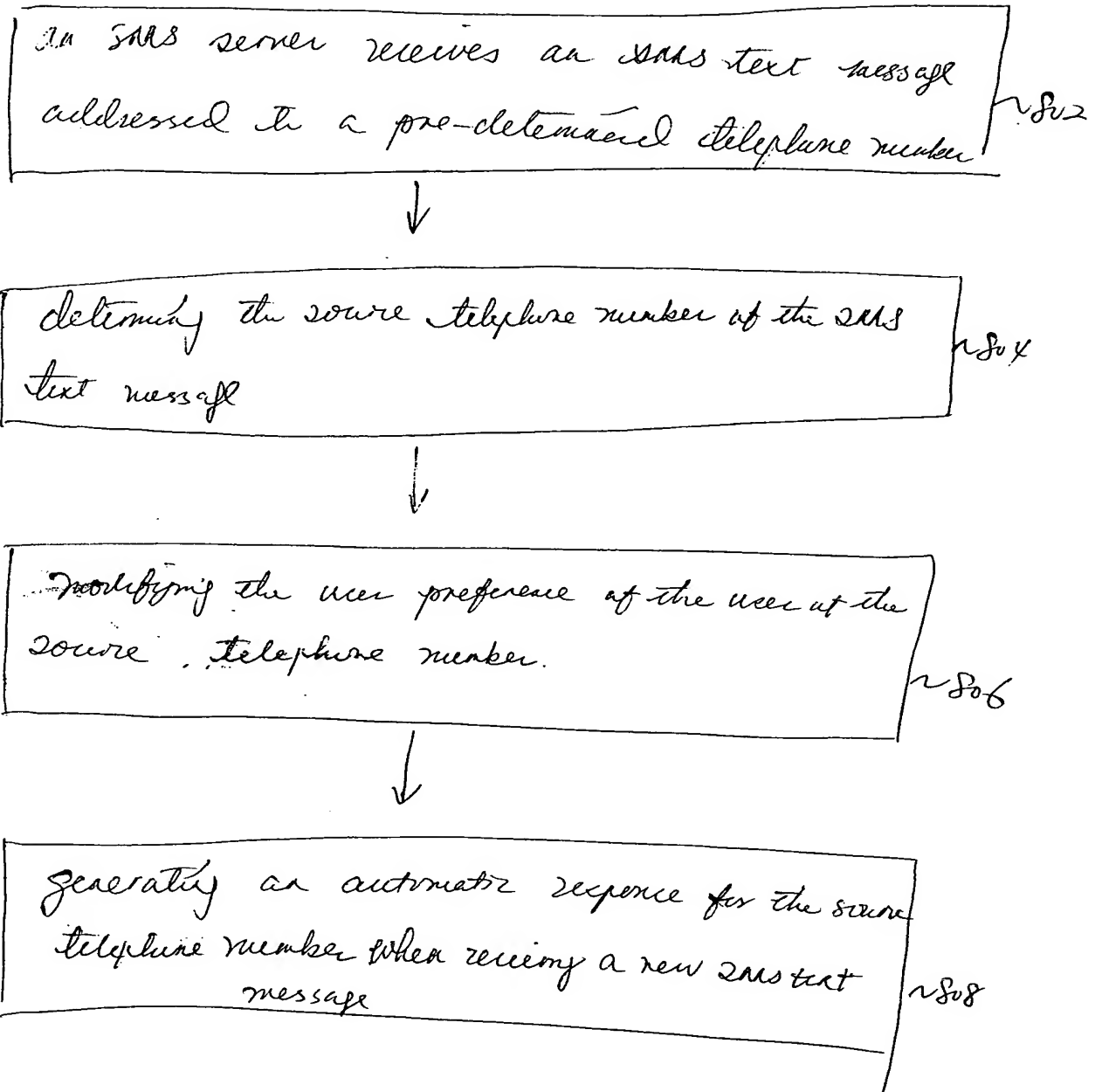


Fig 8